

**Parametrix, Inc.**

Consultants in Engineering and Environmental Sciences

1231 Fryar Ave., P.O. Box 460, Sumner, WA 98390-1516
253-863-5128 • Fax. 253-863-0946 • www.parametrix.com

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FAX # 253-863-0946

To: **Jeff Kenknight P.E.**Date **August 28, 2001**From: **Michael Ollivant P.E.**

Sent By:

Project Number: **216-1598-012**Project Name: **Tulalip Tribes UIC**Phone: **206 553 0226**Fax #: **206 553 1280**cc: **Tom McKinsey**
360 651 3272Total # of Pages: **4**

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Comments/Message:

Jeff,

I have attached three figures that depict the UIC Basins and a possible intertie with the constructed wetlands and the proposed salmon-rearing pond. The purpose for the intertie is to allow final effluent water to enter the constructed wetlands and rearing pond to keep the plants alive until a NPDES permit can be obtained, as shown on Figure 1. Figure 2 depicts a shallow infiltration basin in which the depth of the basin would likely be a couple of feet and the size of the basin would be 3-5 acres. The infiltration basin would not likely be a rectangular configuration but would be a more natural shape as shown on Figure 3. The basin may also contain some wetland plants for further polishing of the effluent prior to ground water discharge.

As discussed we request your interpretation if this configuration can be permitted by rule (UIC) at a discharge rate of less than 500,000 gpd. Your time discussing this issue is appreciated and we look forward to your response.

o Rapid WILSON
o Rec Bio

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PROJECT Tulalip Tribes JOB NO 216-1598-012
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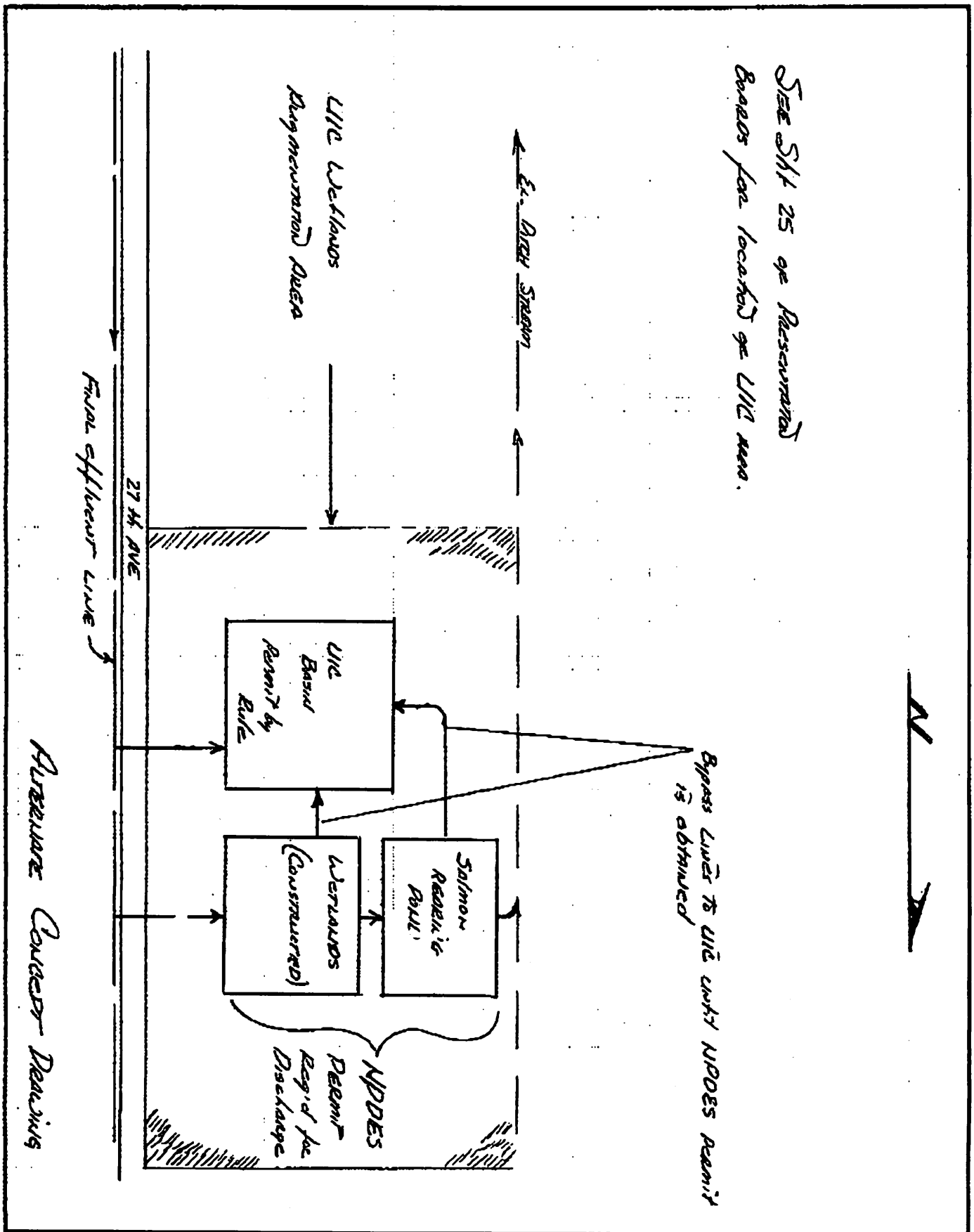
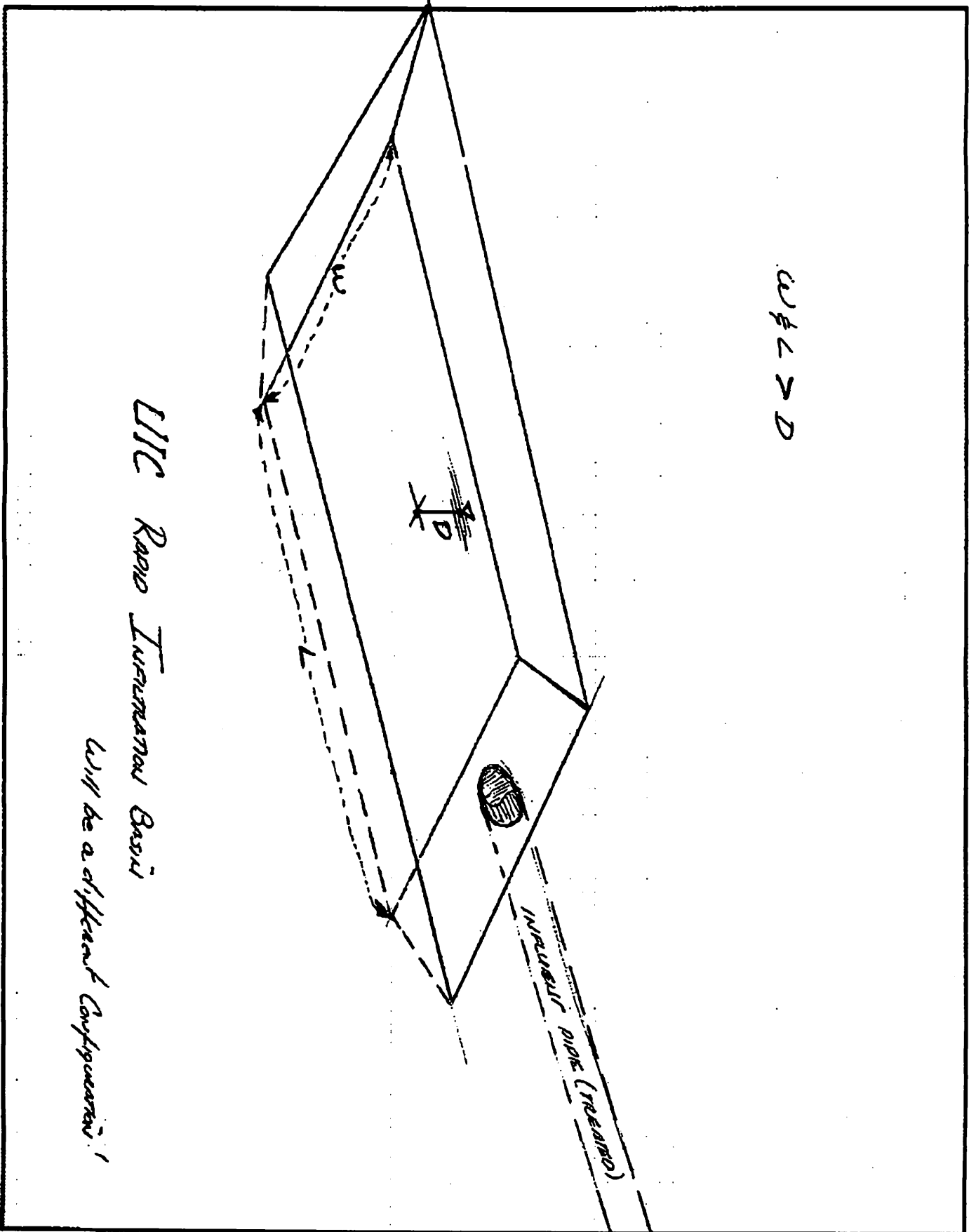


Fig 1

PROJECT Tulalip WIC Basal Rapid Influenza JOB NO 216-1598-012
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**Salmon Habitat Enhancement
Program**

1. Groundwater recharge to enhance salmon habitat.
2. Stream augmentation.
3. Rearing ponds potential?
4. Project area is wetland and stream to south of city border.

1. Flow of water table
2. Porosity of the soil
3. Taps
4. Estimated water consumption

